AMENDMENTS TO THE CLAIMS

This listing of claims replaces all previous versions and listings of claims in this application.

Claim Listing:

1. (Cancelled)

2. (Currently Amended) ~~The method of claim 1, further comprising:~~ A method for calculating a subscriber's account balance in a telecommunications system where at least two different types of vouchers having the same type of a credit value can be used for making deposits in the account, which vouchers may be bought, the types of the vouchers differing from each other at least so that a certain amount of a calling time has different prices in different types of the vouchers, the method comprising:

defining at least two different ways of updating the account balance for the same type of a credit value, wherein a first way to update comprises calculating the ~~credit~~ account balance by adding ~~the~~ a credit value of ~~the~~ a new voucher to the credit in the account, ~~if said vouchers are of the same type~~; ~~or~~ and the second way to update comprises calculating the ~~credit~~ account balance by setting the ~~credit~~ account balance to be the credit value of the new voucher~~, if said vouchers are of a different type.~~;

maintaining information, separate from account balance information, indicating the type of a last used voucher of the subscriber;

receiving a deposit identifying a new voucher which the subscriber is going to use to update his/her credit;

determining the type of the new voucher;

determining the type of the last used voucher of the subscriber;

comparing the type of the new voucher with the type of the last used voucher of the subscriber; and

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if said vouchers are of the same type, using the first way to update the account balance; and

if said vouchers are of a different type of vouchers having the same type of a credit value, using the second way to update the account balance.

3.   (Currently Amended) ~~The method of claim 1, further comprising:~~ A method for calculating a subscriber's account balance in a telecommunications system where at least two different types of vouchers having the same type of a credit value can be used for making deposits in the account, which vouchers may be bought, the types of the vouchers differing from each other at least so that a certain amount of a calling time has different prices in different types of the vouchers; the method comprising:

defining at least two different ways of updating the account balance for the same type of a credit value, wherein the first way to update comprises calculating the ~~credit~~ account balance by adding ~~the~~ a value of ~~the~~ a new voucher to the credit in the account, ~~if said vouchers are of the same type; or~~ and the second way to update comprises determining a factor, other than one, multiplying the credit in the account with the factor, ~~and~~ adding the result of said multiplication to the credit value of the new voucher, and setting the ~~credit~~ account balance to be the result of said addition~~, if said vouchers are of a different type~~;

maintaining information, separate from account balance information, indicating the type of a last used voucher of the subscriber;

receiving a deposit identifying a new voucher which the subscriber is going to use to update his/her credit;

determining the type of the new voucher;

determining the type of the last used voucher of the subscriber;

comparing the type of the new voucher with the type of the last used voucher of the subscriber; and

if said vouchers are of the same type, using the first way to update the account balance; and;

if said vouchers are of a different type of vouchers having the same type of a credit value, using the second way to update the account balance.

4.   (Previously Presented) The method of claim 3, wherein said factor is determined on the basis of the types of the last used voucher and the new voucher.

5.   (Currently Amended) The method of ~~claim 1~~ claim 3 further comprising:

asking the subscriber for a permission to update the credit, if the vouchers are of a different type having the same type of a credit value; and

updating the credit only if the permission is received from the subscriber.

6.   (Currently Amended) The method of ~~claim 1~~ claim 3 wherein the types of the vouchers are determined on the basis of their identification numbers.

7.   (Currently Amended) The method of ~~claim 1~~ claim 2, wherein the telecommunications system is a mobile telecommunications system.

8.   (Currently Amended) An arrangement for updating a subscriber's account ~~credit~~ balance in a telecommunications system ~~where~~ in which the subscriber can pre-pay for the subscriber's calls by making deposits in the subscriber's account using at least two different types of vouchers having the same type of a credit value, wherein said vouchers may be bought, the types of the vouchers differing from each other at least so that a certain amount of a calling time has different prices in different types of the vouchers~~, and wherein the system applies a first method to update the credit~~, the arrangement being ~~arranged~~ configured to:

determine~~,~~ ~~when the credit is updated~~ in response to the subscriber making a deposit, ~~the~~ a type of a last used voucher of the subscriber and the type of a new voucher which the subscriber is going to use to update ~~said account~~ the subscriber's account balance~~credit~~;

compare the type of the last used voucher with the type of the new voucher;

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update the account balance in a first way if the last used voucher and the new voucher are the same type, wherein the first way comprises calculating the account balance by adding a credit value of a new voucher to the credit in the account;

detect a change of voucher if the last used voucher and the new voucher are ~~not of the same type~~ of different type of vouchers having the same type of credit value; and

in response to said detection, ~~to apply a second method to~~ update the ~~credit~~ account balance in a second way different from the first way, wherein the second ~~method~~ way comprises calculating the account balance by setting the account balance to be the credit value of the new voucher ~~differing from the first method at least in the way the credit is calculated such that if the same value is used in updating, the second method will give a different amount of updated credit than the first method~~.

9.   (Currently Amended) The arrangement of claim 8, wherein the arrangement is further ~~arranged~~ configured, in response to said detection, to ask the subscriber for a permission to update the ~~credit~~ account balance and to update the ~~credit~~ account balance only in response to the permission.

10.   (Cancelled).

11.   (Currently Amended) The arrangement of claim 9, wherein the arrangement comprises an Intelligent Peripheral of an Intelligent Network, said Intelligent Peripheral comprising an Interactive Voice Response service through which the ~~credits~~ account balances are updated.

12.   (Currently Amended) A network element ~~in~~ for a telecommunications system where a subscriber of the system can pre-pay for the subscriber's calls by making deposits in the subscriber's account using at least two different types of vouchers having the same type of a credit value, ~~wherein said~~ which vouchers may be bought, the types of the vouchers differing from each other at least so that a certain amount of a calling time has different prices in different types of the vouchers, the network element comprising:

~~wherein said element includes a memory or can be arranged to have access to a~~ memory, ~~where~~ in which ~~the~~ account ~~credit~~ balance ~~is maintained~~, and ~~where~~ information indicating, subscriber-specifically, a type of a voucher last used by the subscriber ~~is~~ are maintained, said information relating to the type of voucher last used being maintained separate from the account balance;~~the network element comprising:~~

a first mechanism configured to determine the type of a voucher last used by the subscriber~~,~~;

a second mechanism configured to determine the type of the new voucher which the subscriber is going to use to update the subscriber's ~~credit~~ account balance~~,~~; and

a third mechanism configured to:

compare the type of the voucher last used by the subscriber with the type of the new voucher, ~~and to select a method of updating the credit among at least two different updating methods on the basis of a comparison result, the different updating methods differing from each other at least in the way the credit is calculated such that if the same value is used in updating, a first way to update will give a first amount of updated credit and a second way to update will give a second amount of updated credit, the second amount being different than the first amount~~

calculate the account balance by adding a credit value of a new voucher to the credit in the account if said vouchers are of the same type, and

calculate the account balance by setting the account balance to be the credit value of the new voucher if said vouchers are of a different type of vouchers having the same type of a credit value.

13.   (Currently Amended) The network element of claim 12, wherein the third mechanism is further ~~arranged~~ configured to ask the subscriber for a permission to update the ~~credit~~ account balance ~~according to the voucher type concerned~~ in response to said vouchers

being of a different type, and to update the ~~credit~~ account balance only in response to a
permission received from the subscriber.

14.   (Currently Amended) ~~The network element of claim 12, wherein in response to
the different voucher types, the third mechanism is further arranged to determine a factor, to
multiply the subscriber's current credit with said factor, to add the result of said multiplication to
the value of the second voucher, and to set the credit to be the result of said addition~~ A network
element for a telecommunications system where a subscriber of the system can pre-pay for
subscriber's calls by making deposits in the subscriber's account using at least two different
types of vouchers having the same type of a credit value, which vouchers may be bought, the
types of the vouchers differing from each other at least so that a certain amount of a calling time
has different prices in different types of the vouchers, the network element comprising:

access to a memory, where the account balance and information indicating subscriber-
specifically a type of a voucher last used by the subscriber are maintained, said information
relating to the type of voucher last used being maintained separate from the account balance;

a first mechanism configured to determine the type of the voucher last used by the
subscriber;

a second mechanism configured to determine the type of a new voucher which the
subscriber is going to use to update the subscriber's account balance; and

a third mechanism configured to:

compare the type of the voucher last used by the subscriber with the type of
the new voucher~~, to~~

calculate the account balance by adding a credit value of a new voucher to the
credit in the account if said vouchers are of the same type; and

calculate the account balance by determining a factor, other than one, by
multiplying the subscriber's current account balance with said factor, by
adding the result of said multiplication to the credit value of the second

voucher, and by setting the account balance to be the result of said addition if said vouchers are of a different type of vouchers having the same type of a credit value.

Claims 15-16: (Cancelled).

17.   (New) The network element of claim 14, wherein the third mechanism is further configured to ask the subscriber for a permission to update the account balance in response to said vouchers being of a different type, and to update the account balance only in response to a permission received from the subscriber.

18.   (New) The network element of claim 14, wherein the network element comprises a processor configured to include the first mechanism, the second mechanism and the third mechanism.

19.   (New) The network element of claim 12, wherein the network element comprises a processor configured to include the first mechanism, the second mechanism and the third mechanism.

20.   (New) An arrangement for updating a subscriber's account balance in a telecommunications system where the subscriber can pre-pay for subscriber's calls by making deposits in subscriber's account using at least two different types of vouchers having the same type of a credit value, which vouchers may be bought, the types of the vouchers differing from each other at least so that a certain amount of a calling time has different prices in different types of the vouchers, the arrangement being configured to:

determine, in response to the subscriber making a deposit, a type of a last used voucher of the subscriber and the type of a new voucher which the subscriber is going to use to update the subscriber's account balance;

compare the type of the lased used voucher with the type of the new voucher;

apply a first method to update the account balance if the last used voucher and the new voucher are of the same type, the first method comprising calculating the account balance by adding a credit value of a new voucher to the credit in the account;

detect a change of voucher if the last used voucher and the new voucher are of different type of vouchers having the same type of a credit value; and

in response to said detection, to apply a second method to update the account balance, the second method comprising determining a factor, other than one, multiplying the credit in the account with the factor, adding the result of said multiplication to the credit value of the new voucher, and setting the account balance to be the result of said addition.